

AMNIOTIC APOPTOSIS MODULATING SUBSTANCES

5 **ABSTRACT OF THE INVENTION**

 This invention is directed to methods of obtaining
 compounds from human amniotic tissue and/or by
 synthesizing these compounds by chemical and genetic
10 engineering methods known in the art that modulate
 apoptosis in animals, including humans, their
 preparation, their applications in human conditions
 for the treatment of all disease conditions and
 other conditions in which apoptosis occurs and in
15 laboratory tests for diagnostic studies and other
 potential uses. The invention describes methods of
 obtaining compositions that modulate apoptosis and
 compositions obtained thereby. These compositions
 are herein referred to as Amnion Apoptosis
20 Modulators (AAM). AAM includes materials comprised
 of biologically active factors found in amniotic
 tissue and amniotic fluid associated therewith. AAM
 could be manufactured from the amniotic tissue of
 mammalian origin - human, pig etc. All AAMs,
25 derived from amnions or chemically or genetically
 prepared are physiologically acceptable for
 administration in amount sufficient to modulate
 apoptosis. The invention encompasses methods of use
 of the AAMs.

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